

Recombinant Streptococcus pneumoniae serotype 2 (strain D39 / NCTC 7466) ply protein

Cat. No. ply-7432S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Streptococcus pneumoniae serotype 2 (strain D39 / NCTC 7466) ply protein(Q04IN8)(2-471aa) was expressed in E.coli.
Species	Streptococcus pneumoniae
Source	E.coli
ProteinLength	2-471a.a.
Tag	Non
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	52.9 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a

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concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

ANKAVNDFILAMNYDKKKLLTHQGESIENRFIKEGNQLPDEFVVIERRKKRSLSTNTSDI
SVTATNDSRLYPGALLVVDETLLENNPTLLAVDRAPMTYSIDLPGGLASSDSFLQVEDP
SNSSVRGAVNDLLAKWHQDYGVNNVPARMQYEEKITAHSMELKVKFGSDFEKTG
NSLDIDFNSVHSGEKQIQIVNFKQIYYTVSVDAVKNPBGDVFQDTVTVEDLKQRGISAE
RPLVYISSVAYGRQVYLKLETTSSKSEVEAAFEALIKGVKVAPQTEWKQILDNTEVKA
VILGGDPSSGARVVTGKVDMMEDLIQEGSRFTADHPGLPISYTTSLRDNVVATFQN
STDYVETKVTAYRNGDLLLDHSGAYVAQYYITWDELSYDHQGKEVLTPKAWDRNG
QDLTAHFTTSIPLKGNVRNLSVKIRECTGLAWWWRTVYEKTDLPVLRKRTISIWGT
TLYPQVEDKVEND

SDS-PAGE

